

PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number	17965-725
First Named Inventor	Matthew R. Selmon
	TE IF KNOWN
Application Number	09/149,874
Filing Date	September 8, 1998
Group Art Unit	3731
Examiner Name	Lewis, W.

		lare that:			
My residence, post office a	address, and citize	enship are as stated belo	w next to my name.		
I believe I am the original, names are listed below) of	first and sole inv	entor (if only one name i er which is claimed and fo	s listed below) or an origina or which a patent is sought or	il, first and joint inv n the invention enti	rentor (if plural tled:
	. * * * * * * * * * * * * * * * * * * *				
METHODS .	AND APPA	RATUS FOR TR	EATING VASCUL	AR OCCLUS	SIONS
		(Title of the In	vention)		
the specification of which is attached hereto OR					•
was filed on (MM/I	DDYYYY)	09/08/98	as United States Appli	cation Number or P	PCT International
Application Number 09/149	,874 and was an	nended on (MM/DD/YYY)	(r) 03/29/00, 09/23/99, and	11/18/98 (if applic	able).
I hereby declare that the sul and was invented before the	bject matter of the	□ attached amendmen original application, abov	t □ amendment filed on □ e identified for such inventio	was part of my	or our invention
I hereby state that I have amended by any amendmen	reviewed and un nt specifically refe	derstand the contents or	of the above identified spec	cification, including	the claims, as
I acknowledge the duty to di		化光光 霍 经货物证券 化聚基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯	entability as defined in 37 CF	R 1.56.	
	du honofile unde	- 35 II S.C. 110/a)_/d\ c	r 365/b) of any foreign an	nlication(s) for pate	ent or inventors
I hereby claim foreign prior certificate, or 365(a) of any America, listed below and h or of any PCT international	PCT internation ave also identified	al application which des d below, by checking the	box, any foreign application	ry other than the l n for patent or inve	United States of
certificate, or 365(a) of any America, listed below and h or of any PCT international of Prior Foreign	PCT internation ave also identified	al application which des d below, by checking the	ignated at least one count box, any foreign application	ry other than the land for patent or inverse rionty is claimed.	United States of
certificate, or 365(a) of any America, listed below and h or of any PCT international	/ PCT Internation ave also identified application having	al application which des d below, by checking the a filing date before that of Foreign Filing Date	ignated at least one count box, any foreign application of the application on which p Priority	ry other than the land for patent or inversionity is claimed. Certified Cop	United States of ntor's certificate, py Attached?
certificate, or 365(a) of any America, listed below and h or of any PCT international of Prior Foreign	/ PCT Internation ave also identified application having	al application which des d below, by checking the a filing date before that of Foreign Filing Date	ignated at least one count box, any foreign application of the application on which p Priority Not Claimed	ry other than the to for patent or invertionity is claimed. Certified Col	united States of ntor's certificate, py Attached? NO
certificate, or 365(a) of any America, listed below and h or of any PCT international of Prior Foreign	/ PCT Internation ave also identified application having	al application which des d below, by checking the a filing date before that of Foreign Filing Date	ignated at least one count box, any foreign application of the application on which p Priority Not Claimed	cy other than the land or patent or invertionity is claimed. Certified CopyES	united States of ntor's certificate, py Attached? NO
certificate, or 365(a) of any America, listed below and h or of any PCT international of Prior Foreign	/ PCT Internation ave also identified application having	al application which des d below, by checking the a filing date before that of Foreign Filing Date	ignated at least one count box, any foreign application of the application on which p Priority Not Claimed	certified CopyES	py Attached? NO
certificate, or 365(a) of any America, listed below and h or of any PCT international a Prior Foreign Application Number(s)	PCT internation have also identified application having Country	al application which des d below, by checking the a filing date before that c Foreign Filing Date (MM/DD/YYYY)	ignated at least one count box, any foreign application of the application on which p Priority Not Claimed	control of the contro	py Attached? NO
certificate, or 365(a) of any America, listed below and hor of any PCT international and Prior Foreign Application Number(s)	PCT internation have also identified application having Country	al application which des divided below, by checking the a filing date before that continued the continued by	ignated at least one count box, any foreign application of the application on which provided the application on which provided the application on which priority Not Claimed	certified CopyES	py Attached? NO
certificate, or 385(a) of any America, listed below and h or of any PCT international and Prior Foreign Application Number(s)	PCT internation have also identified application having Country ation numbers are noted 35 U.S.C. 119	al application which des divided below, by checking the a filing date before that continued the continued of the continued that continued the continued that cont	ignated at least one count box, any foreign application of the application on which provided the application on which provided the application on which priority Not Claimed	certified CopyES	py Attached? NO
certificate, or 365(a) of any America, listed below and hor of any PCT international of Prior Foreign Application Number(s) Additional foreign applic hereby claim the benefit ur	PCT internation have also identified application having Country ation numbers are noted 35 U.S.C. 119	al application which des divided below, by checking the a filing date before that continued the continued by	ignated at least one count box, any foreign application of the application on which p Priority Not Claimed I priority data sheet PTO/SB provisional application(s) lise YYYY) Addenun sup	certified CopyES	py Attached? NO py Att

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 h urs to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washingt n, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. **Parent Patent Number Parent Filing Date** (if applicable) (MM/DD/YYYY) U.S. Parent Application or PCT Parent Number 5,968,064 2/28/97 08/775,264 Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the 21971 Place Custo Patent and Trademark Office connected therewith: Customer Number Number Bar OR Code Label here Registered practitioner(s) name/registration number listed below Registration Registration Number Name Number Name Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto. OR Correspondence address below or Bar Code Label Name Richard L. Gregory, Jr. Wilson Sonsini Goodrich & Rosati Address 650 Page Mill Road Address ZIP State CA 94304 City Palo Alto 650-493-6811 650-493-9300 Fax Telephone Country U.S I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. A petition has been filed for this unsigned inventor Name of Sole or First Inventor: Family Name or Surname Given Name (first and middle [if any]) Selmon Matthew R. Date Inventor's Signature USA CA. Country USA Citizenship State **Atherton** Residence: City **Post Office Address** 99 Walnut Ave. **Post Office Address** USA ZIP 94027 Country CA. **Atherton** State City Additional inventors are being named on the two (2) supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 3

										
Name of Additional	Joint:Inventor, i	if any:	☐ A petition has been filed for this unsigned inventor							rentor
Given Name	(first and middle [if a	ny])	Family Name or Surname							
	Charles F.						Mile	0		
Inventor's Signature								Date		
Residence: City	Atherton	State	CA.		Country	US	Α	Citizensh	ip	USA
Post Office Address	101 Atherton Avenu	ue	*							
Post Office Address		· · · · · · · · · · · · · · · · · · ·			·		- 		т	
City	Atherton	State	CA		ZIP	9402	7	Country		USA
Name of Additional			A petition	has been f	iled for	this unsign	ed in	ventor		
Given Name	(first and middle (if a	any)	Family Name or Surname							
	Robert L.					Wyr	nne			
Inventor's Signature								Date	L	
Residence: City	Pacifica	State	CA.		Country	US	A	Citizenship USA		USA
Post Office Address	340 Esplanade #19	9								
P st Office Address										
City	Pacifica	State	CA	۱.	ZIP	9404	4	Country		USA
Name of Additional	Joint Inventor,	if any:			A petition	has been	filed for	this unsigr	ned in	ventor
Given Name	e (first and middle [if a	any])				Family	/ Name	or Surnam	e	
	Suresh S.						P	ai		
Inventor's Signature								Date		
Residence: City	Mountain View	State	CA	۱.	Country	US	SA	Citizensl	nip	USA
P st Office Address	156 Holly Court							· · · · · · · · · · · · · · · · · · ·		
P st Office Address								·		· · · · · · · · · · · · · · · · · · ·
City	Mountain View	State	C.F	١.	ZIP	9404	13	Country		USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Pat into and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





+

PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 3

									
Name of Additional	Joint Inventor,	if any:	A petition has been filed for this unsigned inventor						
Given Name	(first and middle [if a	ny])	Family Name or Surname						
	Kent D.	_				De	ell		
Inventor's Signature	Okus		Dell			Date	2	15/01	
Residence: City	Redwood City	State	CA		Country	USA	Citizensh	ip	USA
Post Office Address	1131 Grand Street								
Post Office Address									· _ ·
City	Redwood City	State	CA		ZIP	94061	Country		USA
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor									
Given Name	(first and middle (if	any)	Family Name or Surname						
·	Charles		Gre				sl		
Inventor's Signature					· · ·	Date			
Residence: City	San Francisco	State	CA	. Country USA		Citizenship		USA.	
Post Office Address	121 Topaz Way					<u>.</u>			
Post Office Address									-
City	San Francisco	State	CA	١.	ZIP	94131	Country		USA
Name of Additional	Joint Inventor,	if any:			A petition	has been filed for	r this unsigr	ned in	ventor
Given Name	(first and middle [if	any])				Family Name	or Surnam	ne .	
	Gerald					Har	nsen		
Inventor's Signature							Date		· · · · · · · · · · · · · · · · · · ·
Residence: City	Newark	State	C/	١	Country	USA	Citizensl	hip	USA
P st Office Address									
Post Office Address	35208 Preston Pla	ice					T		
City	Newark	State	C/	4	ZIP	94560	Country		USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are requir d to complete this form should b sent t the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.







PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3 of 3

		<u></u> T		<u> </u>	A AIAI	an hear filed for	thic uncions	d in	rentor	
Name of Additional	Joint Inventor	r, it any:	A petition has been filed for this unsigned inventor							
Given Name	(first and middle [i	f any])	Family Name or Surname							
	E. Richard	<u>-</u> -				Hill,	, 101			
Inventor's Signature						÷ 1	Date		·	
Residence: City	Berkeley	State	CA.		Country	USA	Citizenshi	р	USA	
Post Office Address	2430 Oregon Str	2430 Oregon Street								
P st Office Address	₹									
City	Berkeley	State	CA.		ZIP	94705	Country		USA	
Name of Additional Joint Inventor, if any:										
Given Name (first and middle (if any)					7	Family Name	e or Surname	₽		
	•		1							
Inventor's Signature							Date		,	
Residence: City		State			Country					
Post Office Address										
Post Office Address							· · · · · · · · · · · · · · · · · · ·			
City		State			ZIP		Country			
Name of Additiona	Joint Invento	or, if any:			A petition	has been filed fo	or this unsign	ed in	ventor	
Given Nam	e (first and middle	[if any])		Family Name or Surname						
			.				-			
Inventor's Signature							Date			
Residence: City		State			Country		Citizenst	nip		
Post Office Address										
P st Office Address							·			
City		State			ZIP		Country			

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be s nt to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number	17965-725	
First Named Inventor	Matthew R. Selmon	
COMPLE	TE IF KNOWN	
Application Number	09/149,874	
Filing Date	September 8, 1998	
Group Art Unit	3731	
Examiner Name	Lewis, W.	

					-		
As a b	elow named inver	ntor, I hereby d	leclare that:				
My res	idence, post office	address, and ci	tizenship are as stated belo	w next to my na	me.		
I belie	ve I am the original are listed below) o	, first and sole f the subject ma	inventor (if only one name in atter which is claimed and fo	is listed below) or which a patent	or an original, is sought on	first and joint invention entit	entor (if plural iled:
			ARATUS FOR TR				
L	5 B		(Title of the Ir	rvention)			
the sp	ecification of which is attached hereto OR						
\boxtimes	was filed on (MM/	DD/YYYY)	09/08/98	as United	States Applica	tion Number or P	CT International
Applicat	ion Number 09/149	,874 and was	amended on (MM/DD/YYY	Y) 03/29/00, 0	9/23/99, and 1	1/18/98 (if applica	able).
I hereby and was	declare that the su invented before the	bject matter of e filing date of t	the □ attached amendmen he original application, abov	nt □ amendme re identified for s	ent filed on uch invention.	was part of my	or our invention
amende	d by any amendme	nt specifically re			•		the claims, as
l acknov	viedge the duty to d	lisclose informa	tion which is material to pate	entability as defi	ned in 37 CFR	. 1.56.	
certificat	te, or 365(a) of an	y PCT internat	nder 35 U.S.C. 119(a)-(d) of tional application which des ified below, by checking the ing a filing date before that	signated at leas box, any foreig	t one country n application	other than the l for patent or inve	United States of
	ior Foreign ation Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Prior Not Cla		Certified Cop	py Attached? NO
Applic	ation rumber(s)	Country	(11111111111111111111111111111111111111				
							_
			·				_
☐ Add	itional foreign applic	cation numbers	are listed on a supplementa	I priority data sh	eet PTO/SB/0	2B attached here	eto:
			119(e) of any United States	provisional app			
	Application Numb		Filing Date (MM/DD	OMYYY)			
			_	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.			
		L				· · · · · · · · · · · · · · · · · · ·	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time y u are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



+ PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. Parent Patent Number Parent Filing Date (if applicable) U.S. Parent Application or PCT Parent Number (MM/DD/YYYY) 2/28/97 5.968.064 08/775,264 Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number 21971 Place Custo Code Label here Registered practitioner(s) name/registration number listed below Registration Registration Number Number Name Name Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto. 21971 OR Correspondence address below or Bar Code Label Richard L. Gregory, Jr. Name Wilson Sonsini Goodrich & Rosati Address 650 Page Mill Road **Address** ZIP 94304 State CA Palo Alto City 650-493-9300 Fax 650-493-6811 Telephone Country I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. A petition has been filed for this unsigned inventor Name of Sole or First Inventor: Family Name or Surname Given Name (first and middle [if any]) Selmon Matthew R. Date **Inventor's Signature** USA Citizenship USA Atherton State CA. Country Residence: City 99 Walnut Ave. P st Office Address P st Offic Address 94027 ZIP Country USA Athert n State CA. Additional inv ntors ar being named on the two (2) supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 3

					1				
Name of Additional	Joint Inventor,	if any:			A petition I	has been filed for	r this unsigne	ed inv	/entor
Given Name	(first and middle [if a	any])	Family Name or Surname						
	Charles F.					M	ilo		
Inventor's Signature						<u>,</u>	Date		
Residence: City	Atherton	State	CA.		Country	USA	Citizensh	ip	USA
Post Office Address	101 Atherton Aven	ue							
Post Office Address					T		· · · · · · · · · · · · · · · · · · ·		
City	Atherton	State	CA.		ZIP	94027	Country		USA
Name of Additional	Joint Inventor,	if any:			A petition	has been filed fo	r this unsign	ed in	ventor
Given Name	e (first and middle (if	any)	Family Name or Surname						
	Robert L.					. Wy	mne		
Inventor's Signature							Date		
Residence: City	Pacifica	State	CA:		Country USA		Citizenship		USA
Post Office Address	340 Esplanade #1	9				··			
Post Office Address									
City	Pacifica	State	CA.		ZIP	94044	Country		USA
Name of Additional	l Joint Inventor,	if any:	`		A petition	has been filed fo	or this unsign	ed in	ventor
Given Name	e (first and middle [if	any])				Family Nam	e or Surnam	e	
	Suresh S.				·—i.	F	Pai		
Inventor's Signature		um 5	3		<u>ي</u>	,	Date	2	600
Residence: City	Mountain View	State	CA	•	Country	USA	Citizenst	ip	USA
Post Office Address	156 Holly Court								
Post Office Address					· · · · · · · · · · · · · · · · · · ·		_		
City	Mountain View	State	CA		ZIP	94043	Country		USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ADDITIONAL INVENTOR(S)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION				Supplemental Sheet Page 2 of 3				
Name of Additional	Joint Inventor,	if any:	A petition has been filed for this unsigned inventor					
Given Name	(first and middle [if a	any])	-			Family Name	or Surname	
	Kent D.					D	eli	
Inventor's Signature	•				· · · · · · · · · · · · · · · · · · ·		Date	Ţ
Residence: City	Redwood City	State	· CA	·	Country	USA	Citizenship	USA
Post Office Address	1131 Grand Street							
Post Office Address					,			
City	Redwood City	State	CA		ZIP	94061	Country	USA
Name of Additional		☐ A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any)						Family Name	e or Surname	
Charles						Gi	resl	
inventor's Signature							Date	
Residence: City	San Francisco	State	CA	٠.	Country	USA	Citizenship	USA
Post Office Address	121 Topaz Way				·			
Post Office Address			•					
City	San Francisco	State	CA	١.	ZIP	94131	Country	USA
Name of Additional	Joint Inventor,	if any:			A petition	has been filed fo	or this unsigned i	nventor
Given Name	(first and middle [if	any])				Family Nam	e or Surname	
	Gerald					Har	nsen	
Inventor's Signature							Date	
Residence: City	Newark	State	C/	١	Country	USA	Citizenship	USA
Post Office Address							·	
Post Office Address	35208 Preston Pla	ace					<u></u>	
		1					ı	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

CA

ZIP

94560

Country

USA

State

Newark





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3						
Name of Additional	Joint Inventor, i	if any:	☐ A petition has been filed for this unsigned inventor						entor	
Given Name	(first and middle [if a	пу])				Family Name	or Surname			
	E. Richard					Hill,	111			
Inventor's Signature							Date			
Residence: City	Berkeley	State	CA	<u> </u>	Country	USA	Citizenship	p	USA	
Post Office Address	2430 Oregon Stree	t								
Post Office Address										
City	Berkeley	State	CA		ZIP	94705	Country		USA	
Name of Additional Joint Inventor, if any:				☐ A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any)						Family Name	or Surname			
Inventor's Signature							Date	•		
Residence: City		State			Country					
P st Office Address							•			
Post Office Address										
City		State			ZIP		Country			
Name of Additional	Joint Inventor,	if any:		☐ A petition has been filed for this unsigned inventor						
Given Name	(first and middle [if a	any])	.	<u> </u>		Family Name	or Surname			
Inventor's Signature							Date			
Residence: City		State			Country		Citizenshi	P		
Post Office Address										
Post Office Address										
City		State			ZIP		Country			

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent t the Chi f Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

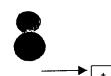
SUPPLEMENTAL DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Att rney D cket Number	17965-725	
First Named Inventor	Matthew R. Selmon	
	TE IF KNOWN	_
Application Number	09/149,874	
Filing Date	September 8, 1998	_
Group Art Unit	3731	_
Examiner Name	Lewis, W.	

As a	As a below named inventor, I hereby declare that:								
			itizenship are as stated belo						
t belie name	eve I am the original s are listed below) o	, first and sole f the subject ma	inventor (if only one name atter which is claimed and fo	is listed below) or an origor which a patent is sough	ginal, first and joint in it on the invention en	iventor (if plural ititled:			
	- 1								
	METHODS AND APPARATUS FOR TREATING VASCULAR OCCLUSIONS								
L			(Title of the Ir	rvention)					
the s _l	pecification of which is attached hereto OR	•							
\boxtimes	was filed on (MM/I	DD/YYYY)	09/08/98	as United States Ap	pplication Number or	PCT International			
Applica	Application Number 09/149,874 and was amended on (MM/DD/YYYY) 03/29/00, 09/23/99, and 11/18/98 (if applicable).								
and wa	I hereby declare that the subject matter of the attached amendment amendment filed on was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.								
amende	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.								
l ackno	wledge the duty to di	isclose informa	tion which is material to pate	entability as defined in 37	' CFR 1.56.				
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or fany PCT international application having a filing date before that of the application on which priority is claimed.									
certifica	ite, or 365(a) of any	y PCT internat	tional application which des ified below, by checking the	signated at least one cou e box, any foreign applica	ountry other than the ation for patent or inventoring the priority is claimed.	e United States of ventor's certificate,			
certification America or fan	ate, or 365(a) of any and he isted below and he per international rior Foreign	y PCT internat	tional application which des ified below, by checking the	signated at least one cou e box, any foreign applica	ountry other than the ation for patent or inventoring the priority is claimed.	United States of			
certification America or fan	ate, or 365(a) of any a, listed below and h by PCT international	y PCT internat nave also identi application hav	ional application which des ified below, by checking the ing a filing date before that Foreign Filing Date	signated at least one cot a box, any foreign applica of the application on which Priority	untry other than the ation for patent or invented in priority is claimed. Certified C	opy Attached?			
certification America or fan	ate, or 365(a) of any and he isted below and he per international rior Foreign	y PCT internat nave also identi application hav	ional application which des ified below, by checking the ing a filing date before that Foreign Filing Date	signated at least one cot box, any foreign applica of the application on which Priority Not Claimed	untry other than the ation for patent or invented in the priority is claimed. Certified Control YES	opy Attached?			
certification America or fan	ate, or 365(a) of any and he isted below and he per international rior Foreign	y PCT internat nave also identi application hav	ional application which des ified below, by checking the ing a filing date before that Foreign Filing Date	signated at least one cote box, any foreign application on which Priority Not Claimed	cation for patent or inverse priority is claimed. Certified Control YES	copy Attached?			
certification America or fan	ate, or 365(a) of any and he isted below and he per international rior Foreign	y PCT internat nave also identi application hav	ional application which des ified below, by checking the ing a filing date before that Foreign Filing Date	signated at least one cote box, any foreign application of the application on which Not Claimed	contry other than the ation for patent or inverse priority is claimed. Certified Control YES	opy Attached?			
certifica America or fan P Applic	ite, or 365(a) of any a, listed below and heavy PCT international crior Foreign action Number(s)	y PCT internated as a second policial internation have also identication have application have action numbers	ional application which desified below, by checking the ing a filing date before that of the ing a filing filing date before that of the ing a filing date before that of the ing a filing date before that of the ing a filing date (MM/DD/YYYY) are listed on a supplementary of the ing a filing date in the ing a filing date before that of the ing a filing date before the ing a filing date	signated at least one cot a box, any foreign applica of the application on which Priority Not Claimed	contry other than the ation for patent or inverse priority is claimed. Certified Control YES Control	opy Attached? NO			
certifica America or fan P Applic	ite, or 365(a) of any a, listed below and heavy PCT international artion Foreign action Number(s) ditional foreign application the benefit ur	y PCT internated as a second point of the seco	ional application which desified below, by checking the ing a filing date before that of the following a filing filing date before that of the following a filing date before that of the following a filing date (MM/DD/YYYY) are listed on a supplemental 119(e) of any United States	signated at least one cota box, any foreign application on which is a possible of the application on which is a possible of the application on which is a possible of the application of	contry other than the ation for patent or inverse priority is claimed. Certified Control YES Control	opy Attached? NO			
certifica America or fan P Applic	ite, or 365(a) of any a, listed below and heavy PCT international crior Foreign action Number(s)	y PCT internated as a second point of the seco	ional application which desified below, by checking the ing a filing date before that of the ing a filing filing date before that of the ing a filing date before that of the ing a filing date before that of the ing a filing date (MM/DD/YYYY) are listed on a supplementary of the ing a filing date in the ing a filing date before that of the ing a filing date before the ing a filing date	signated at least one cote box, any foreign application of the application on which is priority. Not Claimed Priority Not Claimed	contry other than the ation for patent or inverse priority is claimed. Certified Control YES Control	opy Attached? NO reto:			

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary dep nding upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filling date of the prior application and the national or PCT international filing date of this application.

acknowledge the d	luty to clate of the	lisclose information he prior application	n which is no and the nat	naterial to pi ional or PC	patentability T internation	as define nal filing d	ed in 37 CF late of this a	R 1.56 which application.	ch beca	ame available
		olication or PCT					ing Date	Parei		ent Number licable)
08/775,264		mountain or i or				2/28				8,064
06/1/3,204		*			ľ			i		
		international applica								
As a named inventor Patent and Tradema	or, I here ark Office	by appoint the folic e connected therew	wing register ith: 🛛 Cus	ed practition stomer Num	her(s) to pros ber 219	secute this 71 -	application	and to trans	Ple Nu	ousiness in the ce Customer mber Bar de Label here
			Re		ctitioner(s) n	ame/regist	tration numb	er listed belo		
Registration Name Number						Na				gistration lumber
	lame		Num	ber	 	Na	me			Idilibei
		ļ						'		
					•					
☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.										
Direct all serves	nondon	ce to: 🛛 Custon	ner Number							
Direct all corres	ponden	or Bar	Code Label		21971		OR LI Con	respondence	addre	ss delow
Name	Richa	rd L. Gregory, Jr.								
Address	Wilso	n Sonsini Goodrict	n & Rosati							
		age Mill Road								
Address					State	CA	ZIP	94304		
City	Palo A	ANO		650.4		<u> </u>	Fax	650-493-6	911	
Country I hereby declare the	<u>U.S.</u>		Telephone		193-9300	ad that all				and belief are
I hereby declare the believed to be true; punishable by fine application or any p	and fur or impris	ther that these stat sonment, or both, u	oments were	made with	the knowled	iae that wi	iltui taise st	atements and	a the III	(e so made are
Name of Sole		-			A petition	has beer	filed for th	is unsigned	invento	er '
Chro	n Namo	(first and middle [if anvi)			F	amily Nam	e or Surnam	ne	
Give	ii ivaine	Matthew R.						mon		
Inventor's Signat	ure			_				Date		
		Atherion	State	CA.	Coun	try	USA	Citizensi	hip	USA
Residence: City		Atherton	Julie	1				1		
Post Office Addre		99 Walnut Ave.						,		
P st Office Addre	202		T	-				TI.	T	
City		Atherton	Stat	CA.	ZIP	بِــلــنِـ	94027	Country		USA
Additional inventors are being named in the two (2) supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							ched hereto.			



PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 3

		······································								
Name of Additional	Joint Inventor,	if any:			A petition I	has	been filed for t	his unsign	ed inv	ventor
Given Name	(first and middle [if a	ny])					Family Name	or Surname	•	
	Charles F.				<u>-</u>		Mile			·
Inventor's Signature								Date		· · · · · · · · · · · · · · · · · · ·
Residence: City	Atherton	State	CA		Country		USA	Citizensh	ip	USA
Post Office Address	101 Atherton Aven	ue	1 - 14					 ,		<u> </u>
P st Office Address		·. ·								
City	Atherton	State	CA		ZIP		94027	Country		USA
Name of Additional	Joint Inventor,	if any:			A petition	has	been filed for	this unsign	ed in	ventor
Given Name	(first and middle (if	any)	Family Name or Surname							
Robert L.				Wynne						
Inventor's Signature		_						Date	5	Febz001
Residence: City	Pacifica	State	CA	CA. Count			USA	Citizenship		USA
Post Office Address	340 Esplanade #1	9								
Post Office Address	-									
City	Pacifica	State	CA	١.	ZIP		94044	Country		USA
Name of Additional	Joint Inventor,	if any:			A petition	has	s been filed for	this unsign	ed in	ventor
Given Name	(first and middle [if	any])					Family Name	or Surnam	e	
	Suresh S.						Pa	ıi	,	
Inventor's Signature		<u> </u>						Date		
Residence: City	Mountain View	State	CA	۱.	Country		USA	Citizensh	nip	USA
Post Office Address	156 Holly Court									
P st Office Address			•							
City	Mountain View	State	CA	١	ZIP		94043	Country		USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)						
Supplemental Sheet						
Page	2	_ of _	3			

Name of Additional	Joint Inventor,	if any:			A petition I	has been filed for	this unsigne	ed inv	ventor
Given Name	(first and middle [if a	ny])				Family Name	or Surname		
	Kent D.		Dell						
Inventor's Signature							Date		
Residence: City	Redwood City	State	CA. Country USA Cit			Citizensh	ip	USA	
Post Office Address	1131 Grand Street			<u></u> -					· _
Post Office Address				<u>. </u>	 T				
City	Redwood City	State	CA		ZIP	94061	Country		USA
Name of Additional			A petition	has been filed for	this unsign	ed in	ventor		
Given Name (first and middle (if any)						Family Name	or Surnam	e	
Charles			Gresl						
Inventor's Signature					· ·		Date	L	
Residence: City	San Francisco	State	CA	۱.	Country	USA	Citizensh	ip_	USA
Post Office Address	121 Topaz Way								
Post Office Address			, <u> </u>		,		· · · ·		
City	San Francisco	State	C.F	i	ZIP	94131	Country		USA
Name of Additional	Joint Inventor,	if any:	A petition has been filed for this unsigned inventor						
Given Name	(first and middle [if	any])				Family Name	or Surnam	e	
•	Gerald					Han	sen		
Inventor's Signature		-			T		Date		· ·
Residence: City	Newark	State	C,	4	Country	USA	Citizensi	hip	USA
Post Office Address									
Post Office Address	35208 Preston Place								
City	Newark	State	C.	Α	ZIP	94560	Country		USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner f r Patents, Washington, DC 20231.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ADDITIONAL INVENTOR(S)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DE	DECLARATION			Supplemental Sheet Page 3 of 3					
Name of Additional	Joint Inventor,	if any:			A petition I	nas been filed for	r this unsigned	inventor	
	(first and middle [if a		-			Family Name	or Surname		
	E. Richard			Hill, III					
Inventor's Signature							Date		
Residence: City	Berkeley	State	CA		Country	USA	Citizenship	USA	
Post Office Address	2430 Oregon Stree	et							
P st Office Address									
City	Berkeley	State	CA		ZIP	94705	Country	USA	
Name of Additional Joint Inventor, if any:					A petition	has been filed fo	r this unsigned	inventor	
Given Name (first and middle (if any)				Family Name or Surname					
								· · · · · · · · · · · · · · · · · · ·	
Inventor's Signature							Date	:	
Residence: City		State			Country				
Post Office Address									
Post Office Address									
City		State			ZIP		Country		
Name of Additiona	l Joint Inventor,	if any:		☐ A petition has been filed for this unsigned inventor					
Given Nam	e (first and middle [if	any])	Family Name or Surname					·	
				·				·	
Inventor's Signature						· .	Date	· .	
Residence: City		State			Country		Citizenship		
Post Office Address									
Post Office Address					<u>,</u>			.,	
City		State			ZIP		Country		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are r quired to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number	17965-725
First Named Inventor	Matthew R. Selmon
	E IF KNOWN
Application Number	09/149,874
Filing Date	September 8, 1998
Group Art Unit	3731
Examiner Name	Lewis, W.

As a below named inven						
My residence, post office a						
I believe I am the original, names are listed below) of	first and sole in the subject matt	ventor (if only one name is ter which is claimed and fo	s listed below) o r which a patent	r an original, is sought on t	first and joint invine invention entited	entor (if plural iled:
				in the second		[]
METHODS A	AND APPA	RATUS FOR TRI	EATING V	ASCULA	R OCCLUS	IONS
		<u></u>				
		(Title of the In	vention)			
the specification of which is attached hereto OR						
was filed on (MM/I	(۲۲۲۲۵סכ	09/08/98				CT International
Application Number 09/149					1/18/98 (if applic	
I hereby declare that the sul and was invented before the	filing date of the	e original application, abov	e identified for St	ich invention.		
I hereby state that I have amended by any amendmen	nt specifically refe	erred to above.		p .		the claims, as
I acknowledge the duty to di	sclose informatio	on which is material to pate	entability as defir	ned in 37 CFR	1.56.	
I hereby claim foreign prior certificate, or 365(a) of any	rity benefits und	er 35 U.S.C. 119(a)-(d) c	r 365(b) of any	foreign appli	ication(s) for pat	ent or inventor's
America, listed below and h or of any PCT international a	ave also identifis	ed below, by checking the	ignated at least box any foreigi	one country	for patent or inve	United States 1
America, listed below and h or of any PCT international a Prior Foreign	ave also identifis	ed below, by checking the	ignated at least box any foreigi	one country n application on which price ity	for patent or inve prity is claimed.	United States 1
America, listed below and h or of any PCT international a	ave also identifie application having	ed below, by checking the g a filing date before that control Foreign Filing Date	ignated at least box, any foreign of the application Prior	one country n application on which price ity	for patent or inve ority is claimed.	ntor's certificate,
America, listed below and h or of any PCT international a Prior Foreign	ave also identifie application having	ed below, by checking the g a filing date before that control Foreign Filing Date	ignated at least box, any foreign of the application Priori Not Cla	one country n application on which price ity	for patent or inventive science of the control of t	py Attached?
America, listed below and h or of any PCT international a Prior Foreign	ave also identifie application having	ed below, by checking the g a filing date before that control Foreign Filing Date	ignated at least box, any foreign of the application Priori Not Clai	one country n application on which price ity	other than the view of the patent or investigation or investigation of the patent of t	py Attached?
America, listed below and hor of any PCT international a Prior Foreign Application Number(s)	ave also identific application having Country	ed below, by checking the g a filing date before that control of the control of t	ignated at least box, any foreign of the application Not Clair	n application (on which pric ity imed	conter than the view of the patent or investigation of the patent or investigation of the patent of	py Attached? NO
America, listed below and hor of any PCT international a Prior Foreign Application Number(s)	ave also identification having Country ation numbers ar	Foreign Filling Date (MM/DD/YYYY) re listed on a supplementa	ignated at least box, any foreign of the application Not Cla	one country n application (on which pric ity imed eet PTO/SB/0	conter than the company of the content or investigation of the content of the con	py Attached? NO
America, listed below and hor of any PCT international a Prior Foreign Application Number(s) Additional foreign applic I hereby claim the benefit ur	country ation numbers ander 35 U.S.C. 1	re listed on a supplementa	ignated at least box, any foreign of the application Not Cla	one country n application (on which pric ity imed eet PTO/SB/0	conter than the company of the content or investigation of the content of the con	py Attached? NO
America, listed below and hor of any PCT international a Prior Foreign Application Number(s)	country ation numbers ander 35 U.S.C. 1	Foreign Filling Date (MM/DD/YYYY) re listed on a supplementa	ignated at least box, any foreign of the application Not Cla	one country n application (on which pric ity imed eet PTO/SB/0	conter than the company of the content or investigation of the content of the con	py Attached? NO
America, listed below and hor of any PCT international a Prior Foreign Application Number(s) Additional foreign applic I hereby claim the benefit ur	country ation numbers ander 35 U.S.C. 1	re listed on a supplementa	ignated at least box, any foreign of the application Not Cla	eet PTO/SB/C	or patent or investigate of the control of the cont	py Attached? NO Deto: application
America, listed below and hor of any PCT international a Prior Foreign Application Number(s) Additional foreign applic I hereby claim the benefit ur	country ation numbers ander 35 U.S.C. 1	re listed on a supplementa	ignated at least box, any foreign of the application Not Cla	eet PTO/SB/C	other than the vior patent or investment or investment. Certified CoyES	py Attached? NO continued States Intor's certificate,
America, listed below and hor of any PCT international a Prior Foreign Application Number(s) Additional foreign applic I hereby claim the benefit ur	country ation numbers ander 35 U.S.C. 1	re listed on a supplementa	ignated at least box, any foreign of the application Not Cla	eet PTO/SB/C	or patent or investigate of the control of the cont	py Attached? NO continued States Intor's certificate, py Attached? NO continued States Intor's certificate, py Attached? NO continued States Intor's certificate, continued States Intor's certificate, continued States Intoring Into
America, listed below and hor of any PCT international a Prior Foreign Application Number(s) Additional foreign applic I hereby claim the benefit ur	country ation numbers ander 35 U.S.C. 1	re listed on a supplementa	ignated at least box, any foreign of the application Not Cla	eet PTO/SB/C	corper than the for patent or investment or investment. Certified CoyES Certified CoyES Certified CoyES Certified CoyES Certified CoyES Certified CoyES CoyE	py Attached? NO continued States Intor's certificate, py Attached? NO continued States Intor's certificate, py Attached? NO continued States Intor's certificate, continued States Intor's certificate, continued States Intoring Into

Burden Hour Statement: This form is estimated to take 0.4 hours to c mplete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

USA

LISA

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it

displays a valid OMB control number. SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. Parent Patent Number Parent Filing Date (if applicable) (MM/DD/YYYY) U.S. Parent Application or PCT Parent Number 5,968,064 2/28/97 08/775,264 Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Place Cust Patent and Trademark Office connected therewith: Customer Number 21971 Code Label here Registered practitioner(s) name/registration number listed below Registration Registration Name Number Number Name Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto. **Customer Number** Direct all correspondence to: 21971 or Bar Code Label Richard L. Gregory, Jr. Name Wilson Sonsini Goodrich & Rosati **Address** 650 Page Mill Road **Address** ZIP 94304 State CA City Palo Alto 650-493-9300 Fax 650-493-6811 Telephone Country I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. A petition has been filed for this unsigned inventor Name of Sole or First Inventor: Family Name or Surname Given Name (first and middle [if any]) Selmon Matthew R. **Date** Inventor's Signature

Additional inventors are being named on the two (2) supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

[Page 2 of 2]

CA.

CA

State

State

Country

7IP

USA

94027

Citizenship

Country

Atherton

Atherton

99 Walnut Ave.

Residence: City

City

Post Office Addr ss

Post Office Address





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIO	NAL I	NVE	ENTOR(S	1
Supp	lemei	ntal	Sheet	
Page _	_1_	of	3	

										
Name of Additional	Joint Inventor,	if any:			A petition I	nas been filed for	this unsigne	ed inv	ventor	
Given Name	(first and middle [if a	ny])				Family Name	or Surname	•		
	Charles F.			7	7-1	Mil	0	0	//	
Inventor's Signature		m h			VIO		Date	<i>2</i> /	6/2001	
Residence: City	Atherton	State	CA.		Country	USA	Citizensh	ip	USA	
Post Office Address	101 Atherton Aven	ue	•							
Post Office Address										
City	Atherton	State	CA.		ZIP	94027	Country		USA	
Name of Additional	Joint Inventor,	if any:			A petition	has been filed for	this unsign	ed in	ventor	
Given Name	(first and middle (if	any)		,		Family Name	or Surnam	е		
Robert L.				Wynne						
Inventor's Signature		,			· 	· ·	Date	L	, .	
Residence: City	Pacifica	State	CA.		Country	USA	Citizensh	ip	USA	
Post Office Address	340 Esplanade #1	9								
Post Office Address	A 1 A		er	······			; ;			
City	Pacifica	State	CA.		ZIP	94044	Country		USA	
Name of Additional	Joint Inventor,	if any:			A petition	has been filed for	this unsign	ed in	ventor	
Given Name	(first and middle [if a	any])				Family Name	or Surnam	е		
t de	Suresh S.					Pi	ai			
Inventor's Signature							Date		T	
Residence: City	Mountain View	State	CA.		Country	USA	Citizensh	nip	USA	
P st Office Address	156 Holly Court									
P st Office Address										
City	Mountain View	State	CA.		ZIP	94043	Country		USA	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



6

Please type a plus sign (+) inside this box

PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DEC	DECLARATION					ADDITIONAL Supplem Page 2	INVENTOR(Sental Sheet	;) 	
Name of Additional	Joint Inventor,	, if any:		□ A	petition h	as been filed for	this unsigned in	ventor	
Given Name	(first and middle [if	any])	Family Name or Surname						
	Kent D.					De	ell		
Inventor's Signature							Date		
Residence: City	Redwood City	State	CA.	С	Country USA		Citizenship	USA	
Post Office Address	1131 Grand Stree	et							
P st Office Address		-		*		•			
City	Redwood City	State	CA.	z	IP .	94061	Country	USA	
Name of Additional	, if any:	☐ A petition has been filed for this unsigned inventor							
Given Name				Family Name	e or Surname				
Charles				:		Gı	resl		
Inventor's Signature							Date		
Residence: City	San Francisco	State	CA.	. c	ountry	USA	Citizenship	USA	
Post Office Address	121 Topaz Way						e fi		
Post Office Address									
City	San Francisco	State	CA	. z	IP.	94131	Country	USA	
Name of Additional	Joint Inventor	r, if any:			A petition	has been filed fo	or this unsigned i	nventor	
Given Name	e (first and middle [i	f any])				Family Nam	e or Surname		
	Gerald			<u> </u>		На	nsen		
inventor's Signature							Date		
Residence: City	Newark	State	CA	, ,	Country	USA	Citizenship	USA	
Post Office Address								·	
Post Office Address	35208 Preston P	lace				·	<u>.</u>		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Pat int and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

State

ZIP

94560

Country

USA

Newark





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DEC	MOIT

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page __3__ of __3__

							Abis maiss		vontor
Name of Additional	Joint Inventor, i	f any:			A petition h	nas been filed for	this unsigne	ea inv	rentor
Given Name	(first and middle [if a	ny])		· · · ·		Family Name	or Surname		
	E. Richard		Hill, III						
Inventor's Signature							Date		
Residence: City	Berkeley	State	CA		Country	USA	Citizenshi	ip	USA
Post Office Address	2430 Oregon Stree	t .	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;			<u> </u>			
Post Office Address			.~	·	· · · · · · · · · · · · · · · · · · ·	11.2			
City	Berkeley	State	CA	. 1	ZIP	94705	Country		USA
Name of Additional	Joint Inventor,	if any:		`	A petition	has been filed for	this unsign	ed in	ventor
Given Name	(first and middle (if	any)	Family Name or Surname						<u> </u>
		. grady							
Inventor's Signature							Date		
Residence: City		State			Country				
Post Office Address	8								
Post Office Address		, š _p					·		
City		State			ZIP		Country		
Name of Additional	Joint Inventor,	if any:			A petition	has been filed for	r this unsign	ed in	ventor
Given Name	(first and middle [if	any])				Family Name	or Surnam	<u>e</u>	
•									· · · · · · · · · · · · · · · · · · ·
Inventor's Signature	-						Date		
Residence: City		State			Country		Citizensh	ip	
Post Office Address								_	-
Post Office Address					,				T
City		State			ZIP		Country		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Pat nts, Washington, DC 20231.



6

Type a plus sign (+) inside this box

PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number	17965-725	
First Named Inventor	Matthew R. Selmon	
COMPLET	E IF KNOWN	
Application Number	09/149,874	
Filing Date	September 8, 1998	
Group Art Unit	3731	
Examiner Name	Lewis, W.	

As a below named inven	tor. I hereby de	clare that:							
		zenship are as stated belov	w next to my nam	ne.					
I believe I am the original	first and sole in	ventor (if only one name i	s listed below) o	r an original.	first and joint inve	entor (if plural			
names are listed below) of	the subject mat	ter which is claimed and fo	r which a patent	is sought on	the invention entit	iled:			
	-		•						
METHODS.	AND APPA	RATUS FOR TRI	EATING VA	ASCULA	R OCCLUS	IONS			
the excitination of which		(Title of the In	vention)						
the specification of which is attached hereto	1	·							
OR ⊠ was filed on (MM/I	DD 00000	09/08/98	as United S	states Applica	ition Number or P	CT International			
	· ·			• •	•				
Application Number 09/149									
and was invented before the	I hereby declare that the subject matter of the attached amendment amendment filed on was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.								
I hereby state that I have amended by any amendmen	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.								
I acknowledge the duty to di	isclose informati	on which is material to pate	entability as defin	ed in 37 CFR	1.56.				
I hereby claim foreign prio certificate, or 365(a) of any America, listed below and h or of any PCT international	y PCT internation	onal application which des ied below, by checking the	ignated at least box, any foreign	one country application	other than the to for patent or inve- prity is claimed.	ntor's certificate,			
Prior Foreign	Country	Foreign Filing Date (MM/DD/YYYY)	Priori Not Clai		Certified Cop	py Attached? NO			
Application Number(s)	Country	(WIWI/DD/TTTT)		iiku					
·									
☐ Additional foreign applic	ation numbers a	are listed on a supplementa	priority data she	ection(s) lists	zs aπached here	P(O:			
I hereby claim the benefit up Application Number		Filing Date (MM/DD	YYYY)	Cation(S) iiste	u pelow.				
Аррисацов нашь				numb suppl	ional provisional a pers are listed on a lemental priority d (SB/02B attached	a lata sheet			
	j								

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the ne ds of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available

between the filing of	luty to diate of t	he prior applicati	on and the na	tional or PC	r internatio	nal filing da	te of this	application		ecanie available
U.S. Pare	nt Apr	olication or PC	T Parent N	umber	F	arent Fili (MM/DD/	_	Par		atent Number oplicable)
08/775,264						2/28/9	7		5,	968,064
			, .							•
		,								
					Щ		1.41.	+ DTO/05/	00D -4	
		international appli								
As a named inventor Patent and Tradema				red practition stomer Numb	er(s) to pro er 219		pplication	and to trai		Il business in the
Patent and Tradema	ark Ollic	e comected mere	OR		o	<u></u>				Number Bar Code Label here
				egistered prac	titioner(s) r	ame/registra	tion num	ber listed be		
	lame		Regist Num			Nam	10	1	F	Registration Number
<u>N</u>	ame		Null	inei		- Nan				140111111111111111111111111111111111111
					İ					
					<u>L</u>			<u>·l</u>		
Additional regist	tered pr	actitioner(s) name	d on suppleme	ntal Registere	d Practition	ner Informati	on sheet	PTO/SB/020	attac	hed hereto.
Direct all corres	ponden	ce to: 🛛 Custo or Ba	omer Number ar Code Label		21971	OF	Coi	responden	ce add	ress below
Name	Richa	rd L. Gregory, Jr								
Address	Wilso	n Sonsini Goodri	ch & Rosati							
Address	650 P	age Mill Road				-		T · · · · · · · · · · · · · · · · · · ·		····
City	Palo	Alto			State	CA	ZIP	94304		
Country	U.S.		Telephone	e 650-49	3-9300		Fax	650-493-	6811	
I hereby declare the believed to be true; punishable by fine application or any p	and fur	rther that these st sonment, or both,	atements were	made with t	he knowled	ige that willf	ul false si	tatements a	nd the	like so made are
Name of Sole	or Fir	st Inventor:			A petition	has been f	iled for th	nis unsigned	inven	itor
Give	n Name	(first and middle	: [if any])	1/1		Fa	mily Nam	e or Surna	me	
	,	Matthew R.	AN 1				Se	lmon		_
Inventor's Signat	ure	Mille	W) Se	Vin				Date	Z	15/01
Residence: City		Atherton	State	CA.	Coun	try	USA	Citizens	ship	USA
Post Office Addre	ess	99 Walnut Ave	•		· - · · - · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · ·
P st Offic Addre	ess							7		1 - · · · · · · · · · · · · · · · · · ·
City		Atherton	State	CA.	ZIP	94	4027	C untry	· ·	USA
N Additional inva	ntors a	re heing named o	n the two (2)	supplement	Addition	al Inventor/s	s) sheet(s	s) PTO/SB/	02Δ at	tached hereto





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITION	AL	INVE	NTOR(S)	, .
Suppl	me	ntai S	heet	
Page	1_	of _	3	

<u></u>							· ·			_
Name of Additional	Joint Inventor, i	f any:			A petition h	nas been filed for	this unsigne	ed inv	ventor	
Given Name	(first and middle [if a	ny])				Family Name	or Surname			
	Charles F.					Mi	lo			
Inventor's Signature							Date	 -		_
Residence: City	Atherton	State	CA		Country	USA	Citizensh	ip	USA	_
Post Office Address	101 Atherton Aven	ue		٠						_
Post Office Address		 						-		_
City	Atherton	State	CA]	ZIP	94027	Country		USA	_
Name of Additional	Joint Inventor,	if any:			A petition	has been filed for	this unsign	ed in	ventor	
Given Name	(first and middle (if a	any)				Family Name	or Surname	e		_
		·			Wy	nne				
Inventor's Signature			<u></u>			· ····································	Date		 -	_
Residence: City	Pacifica	State	CA	. ,	Country	USA	Citizensh	ip	USA .	_
P st Office Address	340 Esplanade #19	9				·				_
Post Office Address							.		,	_
City	Pacifica	State	CA	۱.	ZIP	94044	Country		USA	_
Name of Additional	Joint Inventor,	if any:			A petition	has been filed fo	r this unsign	ed in	ventor	
Given Name	(first and middle [if	any])				Family Name	or Surnam	e		_
	Suresh S.					Р	ai	, —		
Inventor's Signature					r		Date		·	
Residence: City	Mountain View	State	C#	١.	Country	USA	Citizensh	ip	USA	_
Post Office Address	156 Holly Court	· ·		_						_
Post Office Address										
City	Mountain View	State	C/	۸.	ZIP	94043	Country		USA	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





+

PTO/SB/02A (3-97) Approved for use through 9/30/98. OMB 0651-0032 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ADDITIONAL INVENTOR(S)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Supplemental Sheet DECLARATION Page _ A petition has been filed for this unsigned inventor Name of Additional Joint Inventor, if any: Family Name or Surname Given Name (first and middle [if any]) Dell Kent D. Date **Inventor's Signature** USA Citizenship USA **Redwood City** State CA. Country Residence: City 1131 Grand Street **Post Office Address Post Office Address** ZIP 94061 Country USA **Redwood City** State CA. City Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Family Name or Surname Given Name (first and middle (if any) Gresi Charles **Date** Inventor's Signature USA Citizenship USA CA. Country San Francisco State Residence: City 121 Topaz Way **Post Office Address Post Office Address** 94131 USA CA. ZIP Country San Francisco State City A petition has been filed for this unsigned inventor Name of Additional Joint Inventor, if any: Family Name or Surname Given Name (first and middle [if any]) Hansen Gerald Date **Inventor's Signature** USA USA Citizenship Residence: City Newark State CA Country

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

ZIP

94560

Country

USA

CA

35208 Preston Place

Newark

State -

P st Office Address

P st Office Address

City





→ | + |

PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3 of 3

Name of Additional	Joint Invento	or, if any:			A petition h	nas been filed for	rthis unsigne	ed inventor
Given Name	(first and middle	[if any])				Family Name	or Surname	
	E. Richard					Hill	, 111	
Inventor's Signature							Date	
Residence: City	Berkeley	State	CA	١.	Country	USA	Citizenshi	p USA
Post Office Address	2430 Oregon S	treet					-·	
Post Office Address		·					·	
City	Berkeley	State	CA	١.	ZIP	94705	Country	USA
Name of Additional	Joint Invent	or, if any:			A petition I	nas been filed for	r this unsigne	ed inventor
Given Name	e (first and middle	(if any)				Family Name	or Surname	•
Inventor's Signature							Date	
Residence: City		State			Country			
Post Office Address								
Post Office Address								
City		State			ZIP	<u> </u>	Country	
Name of Additional	Joint Invent	or, if any:		Ľ	A petition I	has been filed fo	r this unsign	ed inventor
Given Name	(first and middle	[if any])				Family Name	e or Surname	9
Inventor's Signature							Date	
Residence: City		State			Country		Citizensh	ip
Post Office Address								
Post Office Address								
City		State			ZIP		Country	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97) Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL **DECLARATION FOR UTILITY OR DESIGN** PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number	17965-725	
First Named Inventor	Matthew R. Selmon	
COMPLE	TE IF KNOWN	
Application Number	09/149,874	
Filing Date	September 8, 1998	
Group Art Unit	3731	
Examiner Name	Lewis, W.	

202 0.2 200 - 12 2 3	and the state of	4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -		_		
As a below named inven	tor, I hereby o	leclare that:				
My residence, post office a	address, and c	itizenship are as stated belo	w next to my na	me.		
I believe I am the original names are listed below) of	first and sole the subject m	inventor (if only one name atter which is claimed and fo	is listed below) or which a patent	or an original, is sought on	first and joint inv the invention ent	rentor (if plural itled:
METHODS	AND APP	ARATUS FOR TR	EATING V	ASCULA	R OCCLUS	SIONS
the specification of which is attached hereto		(Title of the li	nvention)			
OR was filed on (MM/I	(۲۲۲۲	09/08/98	as United	States Applica	tion Number or F	PCT International
Application Number 09/149	,874 and was	amended on (MM/DD/YYY	Y) 03/29/00, 0	9/23/99, and 1	1/18/98 (if applic	able).
I hereby declare that the su and was invented before the	bject matter of filing date of t	the attached amendment the original application, above	nt	nt filed on uch invention.	was part of my	or our invention
I hereby state that I have amended by any amendment	reviewed and nt specifically re	understand the contents eferred to above.	of the above id	entified specif	fication, including	g the claims, as
I acknowledge the duty to di	sclose informa	tion which is material to pat	entability as defi	ned in 37 CFR	1.56.	
I hereby claim foreign prior certificate, or 365(a) of an America, listed below and h or of any PCT international	y PCT internal	tional application which des ified below, by checking the	signated at leas e box, any foreig	t one country n application t	other than the for patent or inve	United States of
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Prior Not Cla		Certified Co YES	py Attached? NO
☐ Additional foreign applic						eto:
I hereby claim the benefit ur		119(e) of any United States	provisional app	ication(s) liste	d below.	
Application Number	er(s)	Filing Date (MM/DD	иттт)	numb suppl	ional provisional pers are listed on emental priority of SB/02B attached	a data sheet

[Page 1 of 2]

Burden Hour Statem nt: This form is estimated to take 0.4 h urs to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filling date of the prior application and the national or PCT international filling date of this application.

between the filing d	ate of th	e prior application	on and the n	ational or PC	CT inter	rnational filin	g date of this	application	•	ł
		ication or PC	· · · · ·	·		Parent	Filing Date DD/YYYY)		ent Pa	tent Number olicable)
08/775,264	FF					2	/28/97		5,9	68,064
									-	
				<u> </u>					MB -#-	school borets
		nternational applic								
As a named inventor	r, I hereb	by appoint the following	lowing regist	ered practitio ustomer Nurr	ner(s <u>) t</u> nber	to prosecute (21971	tnıs applicatio	n and to tran	P	lace Customer
ratent and Tracema	i k Cilice	CALILIDATED DISIE	Willi. <u>23</u> 0/							tumber Bar Code Label here
				Registered pro	actition	er(s) name/re	gistration num	ber listed be	low L	
N	ame			stration mber			Name		R	egistration Number
	aile		,,,,,			·				
	•						•			
								Į		
☐ Additional regist	ered pra	ctitioner(s) name	d on supplem	nental Registe	ered Pra	actitioner Info	rmation sheet	PTO/SB/020	C attach	ed hereto.
Direct - 11	nondos:	no to: M. Cuete	mer Numbe				1			rees below
Direct all corres	ponaeno	or Ba	r Code Lab	el L	219	971	OR C	rresponden 	ce addı	ress delow
Name	Richar	d L. Gregory, Jr.						<u> </u>		
Address	Wilson	Sonsini Goodri	ch & Rosati				· · · · · · · · · · · · · · · · · ·			
Address	650 P	age Mill Road				· · · · · · · · · · · · · · · · · · ·				
City	Palo A				St	ate C	A ZIP	94304		
Country	U.S.		Telepho	ne 650-	493-93	300	Fax	650-493	6811	
I hereby declare the believed to be true punishable by fine application or any p	at all states; and furtions impris	ther that these st conment, or both,	erein of my o	wn knowledg	h the kr	nowiedae tha	t wiitui taise :	statements a	ing we	like 20 lilade ale
Name of Sole					□ A p	etition has b	een filed for	this unsigne	d inven	tor
Give	n Name	(first and middle	e [if any])				Family Na	me or Surna	me	
3,10		Matthew R.					s	elmon		
Inventor's Signat	ure							Date		т
Residence: City		Atherton	State	CA.		Country	USA	Citizen	ship	USA
Post Offic Addr	ess	99 Walnut Ave). 							
P st Office Addr	ess					Т	····		_,	Τ
City		Atherton	State			ZIP	94027	C unti		USA
Additional inverse Additional in	entors a	re being named	on the <u>two (</u>	2) suppleme	ental Ad	dditional Inve	ent r(s) shee	(s) PTO/SB	/02A at	tach d heret .





+ PTO/S8/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITION	NAL	INVEN	ITOF	R(S)
Suppl	eme	ental S	heet	
Page	1	of	3	

Name of Additional	Joint Inventor,	if any:			A petition I	nas been filed f	for this unsign	ed inv	rentor
Given Name	(first and middle [if a	ny])				Family Nar	ne o <u>r Surnam</u>	е	
	Charles F.						Milo		
Inventor's Signature							Date	L_,	
Residence: City	Atherton	State	CA		Country	USA	Citizenst	ip	USA
Post Office Address	101 Atherton Aven	ue							
Post Office Address									
City	Atherton	State	CA. ZIP 94027			Country		USA	
Name of Additional	Joint Inventor,	if any:			A petition	has been filed	for this unsigr	ned in	ventor
Given Name	e (first and middle (if	any)	Family Name or Surname						
Robert L.						V	Vynne		· .
Inventor's Signature							Date	<u> </u>	
Residence: City	Pacifica	State	CA. Country USA Citizenship USA						USA
Post Office Address	340 Esplanade #1	9							
Post Office Address			· .		 .		· · · · · · · · · · · · · · · · · · ·		
City	Pacifica	State	C/	۸	ZIP	94044	Country		USA
Name of Additiona	Joint Inventor	, if any:			A petition	has been filed	for this unsig	ned in	ventor
Given Name	e (first and middle [if	any])				Family Na	me or Surnar	ne	
	Suresh S.						Pai		
Inventor's Signature			, ·-		,		Date	<u></u>	
Residence: City	Mountain View	State	C/	۸.	Country	USA	Citizens	hip	USA
Post Office Address	156 Holly Court								
Post Office Address									
City	Mountain View	State	C	Α	ZIP	94043	Country	,	USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 3

											
Name of Additional	Joint Inventor,	if any:			A petition	has been filed for	this unsign	ed inv	ventor		
Given Name	(first and middle [if a	any])				Family Name	or Surname	е			
	Kent D.			Dell							
Inventor's Signature							Date				
Residence: City	Redwood City	State	CA		Country	USA	Citizenship		USA		
Post Office Address	1131 Grand Street										
P st Office Address											
City	Redwood City	State	CA	A. ZIP 94061			Country		USA		
Name of Additional	Joint Inventor,	if any:			A petition	has been filed fo	r this unsign	ned in	ventor		
Given Name	(first and middle (if	any)		Family Name or Surname							
Charles				Gresl							
Inventor's Signature		Jan.	lu		->	ul_	Date	2	10.0.		
Residence: City	San Francisco	State	CA	١.	Country	USA	Citizensi	hip	USA		
Post Office Address	121 Topaz Way		·								
Post Office Address											
City	San Francisco	State	CA	۱.	ZIP	94131	Country		USA		
Name of Additional	Joint Inventor,	if any:			A petition	has been filed fo	or this unsign	ned in	nventor		
Given Name	(first and middle [if	any])				Fam <u>ily Nam</u>	e or Surnan	ne			
	Gerald			Hansen							
Inventor's Signature							Date				
Residence: City	Newark	State	C/	1	Country	USA	Citizens	hip	USA -		
Post Office Address											
P st Office Address	35208 Preston Pla	ice	·								
City	Newark	State	C	۹	ZIP	94560	Country		USA		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washingt n, DC 20231.

City





Please type a plus sign (+) inside this box

PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DE	DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3					
	<u></u>									
Name of Additional	Joint Inventor	, if any:			A petition I	nas been filed for	this unsigned	inventor		
Given Name	(first and middle [if	any])				Family Name	or Surname			
	E. Richard			Hill, III						
Inventor's Signature							Date			
Residence: City	Berkeley	State	CA		Country	USA	Citizenship	USA		
Post Office Address	2430 Oregon Stre	2430 Oregon Street								
Post Office Address		··· · ·········								
City	Berkeley	State	CA	١.	ZIP	94705	Country	USA		
Name of Additional	, if any:			A petition	has been filed fo	r this unsigned	inventor			
Given Name (first and middle (if any)			Family Name or Surname							
		·			·- <u></u>		<u> </u>			
Inventor's Signature			•							
Residence: City		State			Country			·		
Post Office Address										
P st Office Address										
City		State			ZIP		Country			
Name of Additional	Joint Inventor	r, if any:	A petition has been filed for this unsigned inventor							
Given Name	e (first and middle [i	f anyl)	1	Τ	_	Family Name	e or Surname			
		·								
Inventor's Signature							Date			
Residence: City		State			Country		Citizenship			
Post Office Address						·				
P st Office Address	·							·		
								i		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

ZIP

Country

State



6

Type a plus sign (+) inside this box

PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number	17965-725
First Named Inventor	Matthew R. Selmon
	TE IF KNOWN
Application Number	09/149,874
Filing Date	September 8, 1998
Group Art Unit	3731
Examiner Name	Lewis, W.

	below named inven			7.		•	
			itizenship are as stated below				
l belie name	eve I am the original, as are listed below) of	first and sole the subject ma	inventor (if only one name i atter which is claimed and fo	s listed below) or r which a patent is	an original, sought on	first and joint inve the invention entit	entor (if plural ded:
		7 1 1 1 1 1 1 1 1 1					
	METHODS A	AND APP	ARATUS FOR TR	EATING VA	SCULA	R OCCLUS	IONS
L			(Title of the In	vention)		**************************************	
the s	pecification of which is attached hereto OR	%		> 			OT 1-4
\boxtimes	was filed on (MM/I	2.5	09/08/98		₩.	ition Number or P	
Applica	tion Number 09/149	874 and was	amended on (MM/DD/YYYY	r) 03/29/00, 09/2	23/99, and 1	1/18/98 (if applica	able).
and wa	s invented before the	filing date of t	the □ attached amendmen he original application, abov	e identified for suc	h invention.		
amend	ed by any amendmen	it specifically re		•			the claims, as
	who do a the duby to di-	coloca informa	tion which is material to pate	alabilibi oo dofina	d'in 37 CFR	156	
l ackno	wiedge the duty to di	sciose illioilla		entability as define	4.111 07 01 1	. 1.00.	
I hereb	oy claim foreign prior ate, or 365(a) of any	ity benefits ur	nder 35 U.S.C. 119(a)-(d) clional application which designed below, by checking the ing a filing date before that c	or 365(b) of any fignated at least of box, any foreign	oreign appl one country application	ication(s) for pate other than the l for patent or inve ority is claimed.	ntor's certificate,
I hereb certifica Americ or of ar	oy claim foreign prior ate, or 365(a) of any	ity benefits ur	nder 35 U.S.C. 119(a)-(d) o ional application which des	or 365(b) of any fignated at least of box, any foreign	oreign appl one country application on which price	ication(s) for pate other than the l for patent or inve ority is claimed.	Jnited States of
I hereb certifica Americ or of ar	by claim foreign prior ate, or 365(a) of any a, listed below and h ny PCT international a	ity benefits ur PCT internat ave also ident application hav	nder 35 U.S.C. 119(a)-(d) of clional application which desified below, by checking the ing a filing date before that of the control of the co	or 365(b) of any fignated at least of box, any foreign of the application of	oreign appl one country application on which price	ication(s) for pate other than the l for patent or inve- ority is claimed. Certified Co	onted States or ntor's certificate,
I hereb certifica Americ or of ar	by claim foreign prior ate, or 365(a) of any a, listed below and h ny PCT international a	ity benefits ur PCT internat ave also ident application hav	nder 35 U.S.C. 119(a)-(d) of clional application which desified below, by checking the ing a filing date before that of the control of the co	or 365(b) of any fignated at least of box, any foreign of the application of the Applicat	oreign appl one country application on which price	ication(s) for pate other than the last of patent or investigation of the control	py Attached?
I hereb certifica Americ or of ar	by claim foreign prior ate, or 365(a) of any a, listed below and h ny PCT international a	ity benefits ur PCT internat ave also ident application hav	nder 35 U.S.C. 119(a)-(d) of clional application which desified below, by checking the ing a filing date before that of the control of the co	or 365(b) of any fignated at least of box, any foreign of the application of the Applicat	oreign appl one country application on which price	ication(s) for pate other than the last of patent or investigation of the control	py Attached?
I hereb certifica Americ or of ar	by claim foreign prior ate, or 365(a) of any a, listed below and h ny PCT international a	ity benefits ur PCT internat ave also ident application hav	nder 35 U.S.C. 119(a)-(d) of clional application which desified below, by checking the ing a filing date before that of the control of the co	or 365(b) of any fignated at least of box, any foreign of the application of the Applicat	oreign appl one country application on which price	ication(s) for pate other than the last of patent or investigation of the control	py Attached? NO
I hereb certifica Americ or of ar P Applie	by claim foreign prior ate, or 365(a) of any a, listed below and h ny PCT international a Prior Foreign cation Number(s)	ity benefits ur PCT internat ave also ident application hav	nder 35 U.S.C. 119(a)-(d) cional application which designed below, by checking the ring a filing date before that compared (MM/DD/YYYY)	or 365(b) of any fignated at least of box, any foreign of the application of the applicat	oreign appl ne country application n which pri ned	ication(s) for pate other than the last of patent or inversity is claimed. Certified CopyES	py Attached? NO
I hereb certifica Americ or of ar Applie	by claim foreign prior ate, or 365(a) of any a, listed below and hay PCT international a crior Foreign cation Number(s)	ity benefits ur PCT internat ave also ident application hav Country	nder 35 U.S.C. 119(a)-(d) cional application which desified below, by checking the ing a filing date before that compared to the compared to t	or 365(b) of any fignated at least of box, any foreign of the application of Priority Not Claim	oreign appl one country application in which prior med	ication(s) for pate other than the last for patent or inversity is claimed. Certified CopyES	py Attached? NO
I hereb certifica Americ or of ar Applie	by claim foreign prior ate, or 365(a) of any a, listed below and hay PCT international a crior Foreign cation Number(s)	rity benefits ur PCT internat ave also ident application hav Country ation numbers der 35 U.S.C.	nder 35 U.S.C. 119(a)-(d) clional application which desified below, by checking the ing a filing date before that continue (MM/DD/YYYY) are listed on a supplementa	or 365(b) of any fignated at least of box, any foreign of the application of Priority Not Claim	oreign appl one country application in which prior med	ication(s) for pate other than the last for patent or inversity is claimed. Certified CopyES	py Attached? NO
I hereb certifica Americ or of ar Applie	by claim foreign prior ate, or 365(a) of any a, listed below and hay PCT international a prior Foreign cation Number(s)	rity benefits ur PCT internat ave also ident application hav Country ation numbers der 35 U.S.C.	nder 35 U.S.C. 119(a)-(d) cional application which desified below, by checking the ing a filing date before that compared to the compared to t	or 365(b) of any fignated at least of box, any foreign of the application of Priority Not Claim	oreign application application in which prior med et PTO/SB/Cation(s) lister number supp	ication(s) for pate other than the last for patent or inversity is claimed. Certified CopyES	py Attached? NO

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to mplete this form should be sent to the Chief Information of Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Ā



4

Type a plus sign (+) inside this box

PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Date

Country

Citizenship

USA

USA

USA

94027

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. **Parent Patent Number** Parent Filing Date (if applicable) (MM/DD/YYYY) U.S. Parent Application or PCT Parent Number 2/28/97 5,968,064 08/775,264 Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number 21971 Place Custom Code Label here Registered practitioner(s) name/registration number listed below Registration Registration Number Name Number Name Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto. Direct all correspondence to: Customer Number OR Correspondence address below 21971 or Bar Code Label Richard L. Gregory, Jr. Name Wilson Sonsini Goodrich & Rosati Address 650 Page Mill Road **Address** ZIP 94304 State Palo Alto City 650-493-6811 650-493-9300 Telephone I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. A petition has been filed for this unsigned inventor Name of Sole or First Inventor: Family Name or Surname Given Name (first and middle [if any]) Selmon Matthew R.

Additional inventors are being named on the tw (2) supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

[Page 2 of 2]

CA.

CA.

Country

ZIP

Atherton

Atherton

99 Walnut Ave.

State

Stat

Inventor's Signature

P st Offic Address

City

Residence: City

P st Office Address





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIO!	NAL	INVE	NTOR	(S)
Suppl	em	ntal	Sheet	
Page	1	of	3	

Name of Additional	Joint Inventor,	if any:] A petition	has	been filed for	this unsign	ed in	ventor
Given Name	(first and middle [if	any])					Family Name	or Surnam	e	
	Charles F.						Mil	0		
Inventor's Signature								Date		·
Residence: City	Atherton	State	CA	٠.	Country		USA	Citizensh	ip	USĄ
Post Office Address	101 Atherton Aven	iue								
P st Office Address										
City	ess			١.	ZIP		94027	Country		USA
Name of Additional	Joint Inventor,	if any:			A petition	has	been filed for	this unsign	ed in	ventor
Given Name (first and middle (if any)							Family Name	or Surnam	е	
	Robert L.					· .	Wyr	ne	····	
Inventor's Signature				Date						
Residence: City	Pacifica	State	CA	·	Country		USA	Citizensh	ip	USA
Post Office Address	340 Esplanade #1	9					·			
P st Office Address										
City	Pacifica	State	CA	·	ZIP		94044	Country		USA
Name of Additional	Joint Inventor,	if any:] A petition	has	been filed for	this unsign	ed in	ventor
Given Name	(first and middle [if	anyj)					Family Name	or Surnam	e	
	Suresh S.				_		Pa	ai .		
Inventor's Signature					·			Date		
Residence: City	Mountain View	State	CA		Country		USA	Citizensh	ip	USA
P st Office Address	156 Holly Court									
Post Office Address										
City	Mountain View	State	CA		ZIP		94043	Country		USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner f r Patents, Washington, DC 20231.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 3

						<u> </u>					
Name of Additional	Joint Inventor,	if any:			A petition	has been filed fo	or this unsign	ed in	ventor		
Given Name	(first and middle [if a	iny])	::			Family Nam	e or Surnam	e			
	Kent D.					Ţ,	Dell				
Inventor's Signature	Page 1	•									
Residence: City	Redwood City	State	CA		Country	USA	Citizensh	Citizenship USA			
Post Office Address	1131 Grand Street			· 							
Post Office Address				14 - 1	1 . 2			·			
City	Redwood City	State	CA		ZIP	94061	Country		USA		
Name of Additional	Joint Inventor,	if any:	ಕ್ರಾಯ ಕ		A petition	has been filed f	or this unsigr	ned in	ventor		
Given Name	(first and middle (if	any)				Family Nam	e or Surnam	e			
	Charles					G	iresi		·		
Inventor's Signature	. ,	· · · · · · · · · · · · · · · · · · ·				·	Date	<u> </u>			
Residence: City	San Francisco	State	CA	•	Country	USA	Citizens	nip	USA		
P st Office Address	121 Topaz Way										
Post Office Address											
City	San Francisco	State	CA	•	ZIP	94131	Country		USA		
Name of Additional	Joint Inventor,	if any:	·		A petition	has been filed f	or this unsigr	ned in	ventor .		
Given Name	(first and middle [if	any])				Family Nan	ne or Surnam	ne			
	Gerald		1			На	ınsen				
Inventor's Signature	Gura	100	04	an	afte		Date	0:	2-05-01		
Residence: City	Newark	State	CA		Country	USA	Citizensl	hip	USA		
P st Office Address											
P st Office Address	35208 Preston Pla	ce									
City	Newark	State	CA		ZIP	94560	Country		USA		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments in the amount of time you ar required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	ADDITIONAL INVENTOR(S)
DECLARATION	Supplemental Sheet
DECEARATION	Page <u>3</u> of <u>3</u>

Name of Additional	Joint Inventor,	if any:			A petition	has been filed for	this unsigne	ed inv	ventor	
Given Name	(first and middle [if a	ny])				Family Name	or Surname	е		
	E. Richard	<u> </u>		Hill, III						
Inventor's Signature				Date						
Residence: City	Berkeley	State	CA		Country	USA	Citizensh	ip	USA	
Post Office Address	2430 Oregon Stree	et ·				······				
Post Office Address					٠.					
City	Berkeley	State	CA		ZIP	94705	Country	•	USA	
Name of Additional	Joint Inventor,	if any:			A petition	has been filed for	this unsign	ed in	ventor	
Given Name (first and middle (if any)						Family Name	or Surname	е		
				<u> </u>			· · · · · · · · · · · · · · · · · · ·			
Inventor's Signature							Date			
Residence: City		State			Country					
Post Office Address		<u> </u>								
Post Office Address							:			
City		State			ZIP	·	Country			
Name of Additional	Joint Inventor,	if any:			A petition	has been filed for	r this unsign	ed in	ventor	
Given Name	(first and middle [if a	any])				Family Name	or Surnam	e		
-			-							
Inventor's Signature							Date			
Residence: City		State			Country		Citizensh	ip		
Post Office Address		,								
Post Office Address										
City		State			ZIP		Country			

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you ar required t c mplete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

As a below named inventor, I hereby declare that:

Attorney Docket Number	17965-725
First Named Inventor	Matthew R. Selmon
	TE IF KNOWN
Application Number	09/149,874
Filing Date	September 8, 1998
Group Art Unit	3731
Examiner Name	Lewis, W.

I believe I am the original	first and sole i	izenship are as stated belo nventor (if only one name tter which is claimed and fo	is listed below) (or an original.	first and joint inv	rentor (if plural
		ARATUS FOR TR			i i i i i i i i i i i i i i i i i i i	· · Stre
N. A. C. C. S. S. A.		(Title of the In	vention)		. 11	
the specification of which is attached hereto OR				· · · · · .		
was filed on (MM/	DD/YYYY)	09/08/98	as United	States Applica	tion Number or I	PCT International
Application Number 09/149	,874 and was a	amended on (MM/DD/YYY	Y) 03/29/00, 09	9/23/99, and 1	1/18/98 (if applic	able).
I hereby declare that the su and was invented before the	bject matter of the filing date of the	the □ attached amendmen ne original application, abov	it amendme e identified for s	nt filed on uch invention.] was part of my	or our invention
amended by any amendme	nt specifically re					g the claims, as
I acknowledge the duty to d	isclose informati	ion which is material to pate	entability as defil	nea in 37 CPR	1.30.	
	" 1:00.00%"Y			多 坐 医流	1	
I hereby claim foreign prio certificate, or 365(a) of an America, listed below and I or of any PCT international	y PCT internationave also identif	fied below, by checking the	signated at least box, any foreig	t one country n application f	other than the for patent or inve	United States of
certificate, or 365(a) of an America listed below and I	y PCT internationave also identif	onal application which des fied below, by checking the	signated at least box, any foreig	t one country n application f n on which pric ity	other than the for patent or investigation of the control of the c	United States of
certificate, or 365(a) of an America, listed below and I or of any PCT international Prior Foreign	y PCT internation have also identification havin	onal application which des fied below, by checking the ng a filing date before that of Foreign Filing Date	signated at least box, any foreig of the application Prior	t one country n application f n on which pric ity imed	other than the for patent or investigation of the control of the c	United States of entor's certificate, opp Attached?
certificate, or 365(a) of an America, listed below and I or of any PCT international Prior Foreign	y PCT internation have also identification havin	onal application which des fied below, by checking the ng a filing date before that of Foreign Filing Date	signated at least box, any foreig of the application Prior Not Cla	t one country n application f n on which pric ity imed	other than the for patent or investigation of the control of the c	United States of entor's certificate, opp Attached?
certificate, or 365(a) of an America, listed below and I or of any PCT international Prior Foreign	y PCT internation have also identification havin	onal application which des fied below, by checking the ng a filing date before that of Foreign Filing Date	signated at lease box, any foreign of the application Prior Not Cla	t one country n application f n on which pric ity imed	other than the for patent or investigation of the control of the c	opy Attached? NO
certificate, or 365(a) of an America, listed below and I or of any PCT international Prior Foreign	y PCT internation have also identification havin	onal application which des fied below, by checking the ng a filing date before that of Foreign Filing Date	signated at least box, any foreign of the application Prior Not Cla	t one country n application f n on which pric ity imed	other than the for patent or investigation of the control of the c	opy Attached? NO
certificate, or 365(a) of an America, listed below and a or of any PCT international Prior Foreign Application Number(s)	y PCT Internationave also identification having application having Country	onal application which desired below, by checking the fig. a filing date before that (Foreign Filing Date (MM/DD/YYYY)	signated at least box, any foreign of the application Not Cla	one country n application t on which pric ity imed	cother than the for patent or investigation of the control of the	opy Attached? NO
certificate, or 365(a) of an America, listed below and a or of any PCT international Prior Foreign Application Number(s)	y PCT Internationave also identification having Country	onal application which desired below, by checking the fig. a filing date before that a present the control of t	signated at least box, any foreign of the application Not Cla	n application to on which prior ity imed	cother than the for patent or investigled CoyES	opy Attached? NO
certificate, or 365(a) of an America, listed below and a or of any PCT international Prior Foreign Application Number(s) Additional foreign applic I hereby claim the benefit up to a first the certification of the certi	y PCT Internationave also identification having Country Country cation numbers ander 35 U.S.C. 1	Foreign Filing Date (MM/DD/YYYY) are listed on a supplemental 119(e) of any United States	signated at least box, any foreign of the application Not Cla	n application to on which prior ity imed	cother than the for patent or investigled CoyES	opy Attached? NO
certificate, or 365(a) of an America, listed below and a or of any PCT international Prior Foreign Application Number(s)	y PCT Internationave also identification having Country Country cation numbers ander 35 U.S.C. 1	onal application which desired below, by checking the fig. a filing date before that a present the control of t	signated at least box, any foreign of the application Not Cla	eet PTO/SB/0 Addition(s) liste	cother than the for patent or investigled CoyES	eto:

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, Washington, DC 20231.





PTO/SB/04 (12-97)
Approved for use through 9/30/00.OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEM	ENTA	L DECLAF	RATI	о <u>и</u> —	– UTI	LIT	Y OR	DE	SIG	NPA	TENT	APP	LICATION
I hereby claim the designating the Un disclosed in the pri acknowledge the d between the filing of	benefit ited Stati or Unite	under 35 U.S.C tes of America, lis d States or PCT	. 120 c sted be interna	of any Ur elow and, ational ap	nited Sta , insofar a oplication	ites a as the in the	pplication subject e manne	n(s), o matte r provi as defi	r 365 r of ea ided b ined i	(c) of a ach of the by the fi n 37 Cl	iny PCT he claims rst parag FR 1.56 h applicatio	internation of the arraph of 3 which be no.	onal application pplication is not 35 U.S.C. 112, I came available
U.S. Pare	nt App	lication or PC	T Par	ent Nun	nber			rent MM/D		Date	Pa		ntent Number plicable)
08/775,264								2/	28/97			5,9	968,064
☐ Additional U.S.	or PCT	international applic	cation n	umbers a	are listed	on a s	uppleme	ntal pri	ority c	ata she	et PTO/SI	3/02B atta	ached hereto.
As a named inventor Patent and Tradema	or, I here	by appoint the fol	lowing with:	registered Custo OR Regi	d practitio omer Nun	ner(s) nber [) to prose 2197	cute th	nis ap	plication		ansact al	business in the Place Customer Number Bar Code Label here
	lame			Registra Numb					Name			R	egistration Number
N	en le												
☐ Additional regist	tered pre	ctitioner(s) name	d on su	pplement	al Registe	ered P	ractitione	r Infon	mation	sheet l	PTO/SB/0	2C attach	ed hereto.
Direct all corres	ponden	ce to: 🛛 Custo or Ba	mer Ni ir Code	umber Label		21	971		OR	☐ Cor	responde	nce add	ress below
Name	Richa	rd L. Gregory, Jr.						,					
Address	Wilson	n Sonsini Goodric	ch & Ro	osati									
Address	650 P	age Mill Road		. ,									
City	Palo A	Alto	<u>,</u>			s	tate	CA	١	ZIP	94304		
C untry	U.S.			phone		493-9							
i hereby declare the believed to be true; punishable by fine application or any p	; and fur or impris	ther that these states on ment, or both,	atomor	te wore n	nade with	ı tha i	knowleda	e that	willful	faise s	tatements	and the	like so made are
Name of Sole] A	petition I	nas be	en fil	ed for th	nis unsign	ed inven	tor
Give	n Name	(first and middle	[if any))				•	Fam	ily Nam	e or Surr	ame	·
		Matthew R.								Se	lmon		
Inventor's Signat	ure										Date	<u>, </u>	
Residence: City		Atherton	s	tate	CA.		Counti	y	ι	JSA	Citize	nship	USA
P st Office Addre	ess	99 Walnut Ave	•										
P st Office Addr	ess												
City		Atherton	s	tate	CA.		ZIP		94	027	Coun	try	USA
Additional inve	entors ar	e being named o	n the <u>t</u>	<u>wo (2)</u> s	uppleme	ntal A	dditional	Inven	tor(s)	sh et(s) PTO/S	B/02A at	tached hereto.



PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	ARATION	
UEGL	ARA HUN	

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page __1_ of __3__

											_
Name of Additional	Joint Inventor,	if any:			A petition	has	been filed for t	this unsigne	ed inv	ventor	
Given Name	(first and middle [if a						Family Name	or Surname	•		
	Charles F.						Mile	o			
Inventor's Signature				Date							
Residence: City	Atherton	State	CA	A. Country USA Citizenship USA					USA		
P st Office Address	101 Atherton Aven	ue									
Post Office Address										<u></u>	
City	Atherton	State	CA		ZIP		94027	Country		USA	
Name of Additional	Joint Inventor,	if any:] A petition	has	been filed for	this unsign	ed in	ventor	
Given Name (first and middle (if any)				Family Name or Surname							
Robert L.					Wynne						
Inventor's Signature								Date			
Residence: City	Pacifica	State	CA	. Country USA		USA	Citizenship		USA		
Post Office Address	340 Esplanade #19	9									
Post Office Address										T	
City	Pacifica	State	CA		ZIP 94044		94044	Country		USA	
Name of Additional	Joint Inventor,	if any:] A petition	has	been filed for	this unsign	ed in	ventor	
Given Name (first and middle [if any])				Family Name or Surname							
Suresh S.				Pai							
Inventor's Signature								Date		т	
Residence: City	Mountain View	State	CA	١.	Country	\perp	USA	Citizensh	nip	USA	
Post Office Address	156 Holly Court									·	
Post Office Address										,	
City	Mountain View	State	CA	١.	ZIP		94043	Country		USA	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 2 of 3

Name of Additional Joint Inventor, if any:				A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])				Family Name or Surname							
Kent D.				Dell							
Inventor's Signature						Date					
Residence: City	Redwood City	State	CA.		Country	USA	Citizenshi	р	USA		
Post Office Address	1131 Grand Street										
Post Office Address											
City	Redwood City	State	CA		ZIP	94061	Country	·]	USA		
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor											
Given Name (first and middle (if any)				Family Name or Surname							
	Charles Gresi							· .			
Inventor's Signature					<u></u>	·	Date				
Residence: City	San Francisco	State	CA	h•	Country	USA	Citizensh	ip	USA		
Post Office Address	121 Topaz Way										
Post Office Address											
City	San Francisco	State	CA.		ZIP	94131	Country		USA		
Name of Additional Joint Inventor, if any:											
Given Nam	Family Name or Surname										
Gerald .				Hansen							
Inventor's Signature							Date		, 		
Residence: City	Newark	State	CA		Country	USA	Citizenship		USA		
Post Office Address									· · · · · · · · · · · · · · · · · · ·		
Post Office Address	35208 Preston Place										
City	Newark	State	C	A	ZIP	94560	Country		USA		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Pat into and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washingt in, DC 20231.





PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page __3 __ of __3_

•	· .	<u> </u>								
Name of Additional	☐ A petition has been filed for this unsigned inventor									
Given Name	Family Name or Surname									
	Hill, III									
Inventor's Signature	- Bei	lark	Helle	#	, :	Date	0	est 6,200		
Residence: City	Berkeley	State	CA. Country USA Citizenship L					USA		
Post Office Address	2430 Oregon Stree	at .								
Post Office Address	A Salar	- # 		A	. Mark					
City	Berkeley	State	CA.	ZIP	94705	Country	99.	USA		
Name of Additional	Joint Inventor,	if any:		A petition I	has been filed for	this unsign	ed in	ventor		
Given Name		·	Family Name	or Surnam	e					
Sept.			i.							
Inventor's Signature				f.e		Date	<u> </u>	· · · · · · · · · · · · · · · · · · ·		
Residence: City		State		Country						
P st Office Address					-			·		
Post Office Address	•			,		T				
City		State		ZIP		Country				
Name of Additional	Joint Inventor,	if any:] A petition	has been filed for	r this unsigr	ned in	ventor		
Given Name	Family Name or Surname									
										
Inventor's Signature				 		Date				
Residence: City		State		Country		Citizensl	hip			
Post Office Address						· ·				
P st Office Address										
City		State		ZIP		Country				

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.